EPA Notification of Hazardous Waste Site

United States Environmental Protection Agency Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

810622

MN #134

MNS-000-001-062

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name: The Hanna Mining Company

Street: 2125 Second Avenue East

City: Hibbing State: MN Zip Code: 55746

MND071-344-733

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site: National Steel Pellet Company

Street: ~~T57N,~~ R21 & 22W ~~(P.O. Box 217)~~ 3/4 mile NE

City: Keewatin County: St.Louis State: MN Zip Code: 55753

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title): Oss, Donald G., Environmental Engineer

Phone: (218) 263-7521

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year): 1967 To (Year): 1980

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste: Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☐ Organics
2. ☐ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☐ Acids
7. ☐ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☐ Unknown
11. ☒ Other (Specify) See attached explanation

Source of Waste: Place an X in the appropriate boxes.

1. ☒ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☐ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☐ Other (Specify)

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste: EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

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Form Approved OMB No. 2060-0138

EPA Form 8900-1

JUN 22 1981

F Waste Quantity:

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

Facility Type

1. ☐ Piles
2. ☐ Land Treatment
3. ☐ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☒ Other (Specify) See attached.

Total Facility Waste Amount

cubic feet

gallons 70,000

Total Facility Area

square feet

acres *See attached

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, or likely releases of wastes to the environment.

☐ Known ☐ Suspected ☐ Likely ☒ None

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

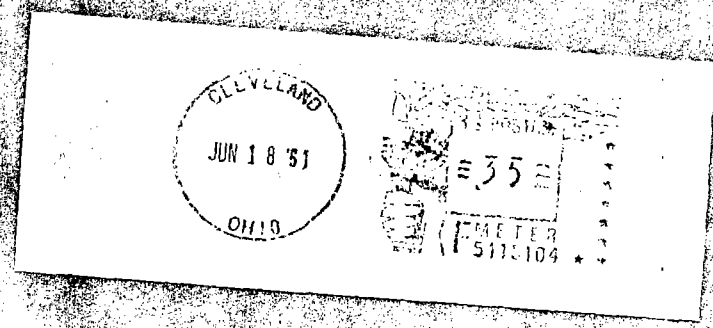
Name The Hanna Mining Company

Street 100 Erieview Plaza

City Cleveland State Ohio Zip Code 44114

Signature M. J. Nagle Date 6-17-81

☐ Owner, Present
☐ Owner, Past
☐ Transporter
☒ Operator, Present
☐ Operator, Past
☐ Other



THE HANNA MINING CO.
100 ERIEVIEW PLAZA
CLEVELAND, OHIO 44114

FORM HM-GO-6

U. S. Environmental Protection Agency
Sites Notification
Chicago, Illinois 60604

Via _____

ATTACHMENT TO EPA FORM 8900-1, Notification of Hazardous Waste Site

It has come to our attention that open gear lubricants in use at our properties contain between 1% and 2% lead. These lubricants have been used on slow-moving, heavily-loaded gears and bearings (kiln gears, grinding mill gears, balling drum gears, etc.). The lead, evidently, allows the lubricants to withstand extreme pressure without breaking down, and thus does a superior job of protecting gearing worth, in the aggregate, many millions of dollars at each of our plants.

In the past, it has been standard practice to collect spent lubricant draining from these gears for disposal in a "surface" stockpile. ("Surface" is the overburden that is removed to expose underlying rock for open pit mining, usually glacial sands and gravels.) Since the disposals occurred as the surface stockpiles were being built, the waste lubricants are scattered somewhat randomly within the piles, and may be covered with up to 100' or more of surface materials. Contained within such piles, they are well above the local water tables.

The spent lubricants were usually collected in open-top half-barrels, although sometimes it was possible to use closed-top barrels. Being of a heavy, tar-like consistency, some disposals were made by shoveling or scooping the waste into collection boxes that could be emptied directly onto the surface stockpile, or into a truck box for haulage to a surface stockpile.

Several sites may have been used for disposal at each of our properties, as it is necessary to remove millions of cubic yards of surface to uncover rock and ore below. The surface stockpiles are not located above the iron formation, and therefore, need not be moved in the future.

The surface stockpiles generally cover some tens of acres at each property.

No records were kept of the quantities of lead-bearing waste so disposed. The figures shown on the disclosures are an estimate only, and may be substantially in error.